

From: [Renee Ilhardt](#)
To: [Jae Lim](#)
Subject: RE: SES-REG-20181017-06548; call sign: E201171
Date: Wednesday, April 8, 2020 4:48:25 PM
Attachments: [image001.png](#)
[Satellite Antenna Specs_UVM.PDF](#)

Hi Jae,
 It is 40dBi, attached specs sheet.
 Best,
 Renee

Renee Ilhardt
VP of Regulatory Affairs
HC2 Broadcasting Holdings, Inc.

From: Jae Lim [mailto:Jae.Lim@fcc.gov]
Sent: Wednesday, April 08, 2020 3:34 PM
To: Renee Ilhardt <rilhhardt@hc2broadcasting.com>
Subject: SES-REG-20181017-06548; call sign: E201171

Hi Renee Ilhardt,

I'm working on your application for C-band receive-only earth station.

I need Antenna Gain between 3700-4200 MHz and you provided 40 [dBi@3.625](#) GHz.

Please let me know Antenna Gain for 3700-4200 MHz.

Thanks.

File No.	SES-REG-20181017-06548	Call Sign	E201171	Filing State	Pending	Status	AFP	Status Date	Mar 30 2020 6:	No. Sites			
Applicant	HC2 Station Group, Inc.		File Date	Oct 16 2018	Last Action		Action Date						
Class of Station	Fixed Earth Stations	Type of Facility	Receive Only	Nature of Service	FSS = Fixed Satellite Service						1		
<input checked="" type="checkbox"/>	US Licensed Satellites	Certifications	OK							Routed To:	Jae_Lim		
<input type="checkbox"/>	Non-US Licensed Satellites												
Brownsville													
City	San Benito	County		State	TX	Lat	260901.5N	Lon	0973058.7W	Gnd (m ansl)	99.4	NAD83	
Ant Row	Antenna ID	Diameter (m)	Max Input Power (W)	Max Output Eirp	Gain (dBi@GHz)							PtcComms:	
1	ANT 1	3	0	0	40.0 @ 3.625							PERMITTED LIST @	
Crd Row	Freq Lo (MHz)	Freq Hi (MHz)	SaArc (E/ West)	SaArc (E/ West)	Elev (E/ West)	Elev (E/ West)	Azim (E/ West)	Azim (E/ West)	Calc Elev (E/ West)	Calc Elev (E/ West)	Calc Azim (E/ West)	Calc Azim (E/ West)	Antenna ID
1	3700	4200	60W	143W	38.6	31.6	119.9	246.6	38.6	31.6	119.9	246.6	ANT 1
Freq Row	Freq Lo (MHz)	Freq Hi (MHz)	Emission	EIRP (dBW)	Eirp Density (dBW/4kHz)	T/R	Bandwidth	Modulation	Pt (dBW)	Pt (W)	P.D. (dBW/4kHz)	Antenna ID	
1	3700	4200	36M0G7W	.00	0.00	R	36.0 MHz	Digital				ANT 1	

Jae Lim
 FCC/IB
 1-202-418-2899